Language is the finest gift of god, for communication. Optical character recognition (OCR) is one of the active fields for research and development. Several researchers have presented...
An Insight into Optical Braille Character Recognition since its Conceptualisation

different approaches to recognize various language characters all over the world. Recognizing printed and hand written characters are two different areas of character recognition. Louis Braille invented Braille language, which is used as the only way for reading and writing communication by blind people all over the world. Although English Braille is very popular, other languages also have their own Braille notations. In this paper we have made an effort to identify the different works carried out by researchers to optically recognize the Braille characters and to convert them into their equivalent normal language notation.

Reference

- Lisa Wong, Waleed Abdulla and Stephan Hussmann. A software Algorithm prototype for Optical Recognition of Embossed Braille. Proceeding of 17th International Conference on Pattern Recognition (ICPR 04)
- Abdul Malik Al-Salman, Yosef ALOHAI, Mohammed ALKanhal and Abdulla ARIjith. An Arabic Optical Braille Recognition System. ICTA 07 April 12-14 Hammamet, Tunisia.
- Shanjun ZHANG and Kazuyoshi YOSHINO. A Braille Recognition System by the Mobile
Phone with Embedded Camera 2010.

Index Terms

Computer Science
Pattern Recognition

Key words
Braille
Optical character recognition
Braille Cell

dimension
Grade- I Braille

Grade – II Braille.